

Review of: "The Influence of Hot Extrusion on The Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates"

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Potential competing interests: No potential competing interests to declare.

This article addresses the mechanical and wear behaviour study of aluminium 6063 alloy reinforced with different weight fractions of silicon carbide for 'as-cast' and 'hot extruded' conditions. Overall, this is an easy-to-read study, but not a well-structured study; a few points are unclear and suggested to implement before considering it for further process. The comments are below:

1. I suggest authors to include more findings from the literature for casting and tribology studies to support this research article. The introduction section is weak in terms of the review available on earlier reported studies for the stir casting and tribological properties. In addition, the conclusive paragraph of the introduction section is so weak.
2. In section 2.1, what was the predefined weight percentage for silicon carbide, and how was it determined?
3. How many specimens were extracted for tensile testing?
4. Graph 1 and Graph 2 are not viable; please replace both graphs.
5. Authors should replace all the SEM images with high-DPI images, and SEM images should include a ruler scale for each image; else they should not be considered for the publication process.